

SMITH FEDERAL GAS COM NO. 2

Sec. 12, T22S, R23E

Eddy County, New Mexico

PROCEDURE:

- 1) Move in rig. Rig up.
- 2) Drill 17-1/2" hole to 160'. Sweep hole with high visc pill. POOH.
- 3) R/U casing crew and run 13-3/8" casing. Circulate cement. If no cement returns to surface, run in hole with 1" tubing and top out 17-1/2" x 13-3/8" annulus.
- 4) Drill 11" hole to 2300'. Anticipate lost circulation between 300' and 2000'. Dry drill if necessary. Sweep hole with high visc LCM pill. POOH.
- 5) R/U casing crew and run 8-5/8" casing. Circulate cement. If no cement returns to surface, run in hole with 1" tubing and top out 13-3/8" x 8-5/8" annulus.
- 6) N/U 8-5/8" SOW x 9" 3M casing head. Test head to 685 psi. N/U and test BOPE.
- 7) P/U 7-7/8" BHA and TIH to float collar. Test casing to 1000 psi.
- 8) Drill 7-7/8" hole to 7600'. Sweep hole with high visc pill. POOH.
- 9) Log well.
- 10) Run 5-1/2" casing or P&A.

RS 8/5/91